

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/FR2004/001668

A. CLASSIFICATION OF SUBJECT MATTER	IPC 7	E02B17/08	B23K31/02	B23K37/00	B23K9/02	B23K37/02
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According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 E02B B23K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal , PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	WO 2004/004959 A (PRIMOT LOUIS ;TECHNIP FRANCE (FR); THOMAS PIERRE-ARMAND (FR)) 15 January 2004 (2004-01-15) abstract; figures page 5, line 5 - page 10, line 25	1, 4, 5, 8, 9
P,A	EP 0 645 496 A (TECHNIP GEOPRODUCTION) 29 March 1995 (1995-03-29) the whole document	10, 11
A	FR 2 719 615 A (TECHNIP GEOPRODUCTION) 10 November 1995 (1995-11-10) page 5, line 32 - page 7, line 9; figures 3-6 page 7, line 28 - line 31	1, 7, 8
A		1, 7, 8, 10, 11
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the International search

Date of mailing of the International search report

3 December 2004

14/01/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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A	US 3 967 457 A (LOVIE PETER M) 6 July 1976 (1976-07-06) column 5, line 24 - column 6, line 49; figures 3,7,8 -----	1,8
A	PATENT ABSTRACTS OF JAPAN vol. 009, no. 319 (M-439), 14 December 1985 (1985-12-14) -& JP 60 154875 A (NIPPON KOKAN KK), 14 August 1985 (1985-08-14) abstract -----	10,11
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